

Geology 12
Resource Exam A
Answer Key

Cognitive Processes		Weightings	Question Type			
K = Knowledge		10%	64 = Multiple Choice (MC)			
U = Understanding		73%	9 = Written Response (WR)			
H = Higher Mental Processes		16%				

Topics	Prescribed Learning Outcomes (PLOs)	Weightings
1. Introduction to Geology	A	2%
2. Earth Materials	B	29%
3. Earth Resources	C	7%
4. Geological Time	D	19%
5. Internal Processes and Plate Tectonic Theory	E	34%
6. Surface Processes and the Hydrosphere	F	9%

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
1.	C	H	1	2	B2	MC
2.	D	U	1	2	B5	MC
3.	C	U	1	2	B5	MC
4.	B	U	1	2	B4	MC
5.	D	U	1	2	B1	MC
6.	C	U	1	2	B1	MC
7.	C	U	1	2	B3	MC
8.	D	U	1	2	B4	MC
9.	B	U	1	1	A1	MC
10.	D	H	1	2	B7	MC
11.	C	U	1	2	B3	MC
12.	A	U	1	1	A1	MC
13.	B	K	1	2	B2	MC
14.	A	U	1	2	B1	MC
15.	C	U	1	2	B5	MC
16.	C	H	1	4	D1	MC
17.	D	H	1	4	D1	MC
18.	D	U	1	4	D2	MC
19.	B	U	1	4	D2	MC
20.	C	K	1	4	D3	MC
21.	D	K	1	4	D3	MC
22.	B	K	1	4	D3	MC
23.	A	K	1	4	D3	MC
24.	A	K	1	4	D3	MC
25.	C	K	1	4	D3	MC
26.	A	H	1	4	D1	MC
27.	B	U	1	5	E3	MC
28.	B	U	1	5	E3	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
29.	C	H	1	5	E3	MC
30.	A	U	1	4	D3, D2	MC
31.	B	U	1	4	D1	MC
32.	B	U	1	5	E3	MC
33.	A	U	1	5	E4	MC
34.	D	U	1	5	E2	MC
35.	A	U	1	5	E3	MC
36.	D	U	1	5	E3	MC
37.	A	U	1	5	E1	MC
38.	A	U	1	5	E1	MC
39.	C	U	1	5	E4	MC
40.	D	U	1	5	E4	MC
41.	B	U	1	5	E4	MC
42.	C	U	1	5	E3	MC
43.	B	U	1	5	E4	MC
44.	A	U	1	5	E4	MC
45.	C	U	1	5	E4	MC
46.	B	U	1	5	E4	MC
47.	B	U	1	5	E4	MC
48.	A	U	1	5	E4	MC
49.	A	K	1	6	F1	MC
50.	C	U	1	6	F1	MC
51.	B	H	1	6	F2	MC
52.	D	U	1	6	F3	MC
53.	C	K	1	6	F3	MC
54.	B	K	1	6	F4	MC
55.	B	U	1	6	F1	MC
56.	C	U	1	3	C1	MC
57.	B	U	1	6	F2	MC
58.	D	H	1	3	C1	MC
59.	B	U	1	3	C1	MC
60.	D	U	1	3	C2	MC
61.	B	H	1	2	B6	MC
62.	A	U	1	3	C2	MC
63.	B	U	1	2	B6	MC
64.	B	U	1	2	B6	MC

Question Number	Keyed Response	Cognitive Process	Mark	Topic	PLO	Question Type
1.	–	U	2	2	B1, B5	WR
2.	–	U	2	2	B7	WR
3.	–	U	3	2	B7	WR
4.	–	H	2	5	E3	WR
5.	–	U	6	5	E4	WR
6.	–	H	3	5	E3	WR
7.	–	U	1	3	C1	WR
8.	–	U	3	2	B6	WR
9.	–	U	4	4	F4	WR